

## INTERNATIONAL SEARCH REPORT

PCT/IB 03/05633

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 G02F1/1335 G02F1/13363

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 G02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB, INSPEC, COMPENDEX

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/055082 A1 (BAN ATSUSHI ET AL) 27 December 2001 (2001-12-27) abstract paragraphs '0003!, '0009! paragraph '0093! – paragraph '0099! paragraph '0130! – paragraph '0139! paragraph '0342! – paragraph '0395! paragraph '0326! – paragraph '0327! figures 1,2,3,16,17,18A-18D  ---	1-4,7,8
Y	—/—	5,6

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

15 March 2004

Date of mailing of the international search report

25/03/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2002/145804 A1 (UMEMOTO SEIJI ET AL) 10 October 2002 (2002-10-10) abstract paragraph '0005! - paragraph '0010! paragraph '0017! - paragraph '0021! paragraph '0025! paragraph '0028! paragraph '0031! - paragraph '0033! figures 1-4 -----	5,6
A	ISHINABE T, MIYASHITA T, UCHIDA T, FUJIMURA Y: "A Wide viewing angle polarizer and a quarter-wave plate with a wide wavelength range for extremely high quality LCDs" SID CONFERENCE RECORD OF THE INTERNATIONAL DISPLAY RESEARCH CONFERENCE, 16 - 19 October 2002, pages 485-488, XP009027749 Nagoya, Japan the whole document -----	1-4,7,8
A		6

## INTERNATIONAL SEARCH REPORT

PCT/IB 03/05633

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2001055082	A1	27-12-2001		JP 2000029010 A JP 2000047194 A JP 2000035570 A JP 3377447 B2 JP 11316382 A US 6295109 B1 JP 2003114427 A JP 2003114428 A JP 2003098526 A JP 2003295179 A JP 2003270637 A TW 482917 B JP 2003131246 A JP 2003121836 A US 6330047 B1 US 2001020991 A1		28-01-2000 18-02-2000 02-02-2000 17-02-2003 16-11-1999 25-09-2001 18-04-2003 18-04-2003 03-04-2003 15-10-2003 25-09-2003 11-04-2002 08-05-2003 23-04-2003 11-12-2001 13-09-2001
US 2002145804	A1	10-10-2002		JP 2002303723 A CN 1379252 A TW 528893 B		18-10-2002 13-11-2002 21-04-2003